Batch 23 SQG

OMB#: 2050-0024 Expires 12-31-88

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: I A D 0 0 0 6 1 0 4 3 6

FORM **IC**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

IDENTIFICATION AND CERTIFICATION

WHO MUST COMPLETE THIS FORM? Form IC must be completed by every site that received this package.

INSTRUCTIONS: Please read the detailed instructions beginning on page 8 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Complete Sections I through IV and Sections VI through IX immediately. Complete Section V, certification, after you have finished the full report package.

SEC. I. Site name and physical location which may differ from the mailing address. Complete items A through G.
Mark [X] for items A, B, C, D, F, and G if same as label; if different, enter corrections. If label is absent, enter information.

A. Site/company name — Same as label [X]

B. EPA ID No. — Same as label [X]

C. Address number and street name of physical location - If not known, enter industrial park, building name or other physical location description — Same as label [ ]
or → 1st and D Street

D. City, town, village, etc. — Same as label [ ]
or → Middle Amana

E. County: Iowa

F. State — Same as label [X]
or → I A

G. Zip Code — Same as label [X]
or → 5 2 2 0 4 –

SEC. II. Mailing address of site.
Mark [X] for A, B, C, and D if same as label; if different, enter corrections.

RECEIVED
JUL 8 1988
IOWA SECTION

A. Number and street name of mailing address — Same as label [X]
or →

B. City, town, village, etc. — Same as label [X]
or → Amana

C. State — Same as label [X]
or → I A

D. Zip Code — Same as label [X]
or → 5 2 2 0 4 –

SEC. III. Name, title, and telephone number of the person who should be contacted if questions arise regarding this report.

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
Raspiller	Cindy	L.	Environmental Specialist	3 1 9 6 2 2 – 2 1 7 4 Extension

SEC. IV. Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. SIC codes are listed beginning on page 1 of the 1987 Hazardous Waste Generation, Shipment and Management Report Codebook.

A.	B.	C.	D.	E.	F.
3 6 3 2	3 6 3 1				

SEC V. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. Please print: Last name	First name	M.I.	Title
Peters	Charles	M.	Sr. Vice-pres.--Operations

B. Signature

Date of signature: 06 (Mo.) 30 (Day) 88 (Yr.)

SEC. VI. Does this site's EPA ID authorize hazardous waste generation?

- ☐ NO ⟶ SKIP TO SECTION VII.
- ☒ YES ⟶ Did this site generate any hazardous waste during 1987?
  - ☒ YES ⟶ READ DETAILED INSTRUCTION ON PAGE 4 OF THE 1987 HAZARDOUS WASTE GENERATION AND MANAGEMENT REPORT INSTRUCTIONS BOOKLET FOR ACUTE AND ACCUMULATION LIMITS. MARK ☒ NEXT TO THE HAZARDOUS WASTE GENERATION QUANTITY CATEGORY THAT APPLIED TO THIS SITE DURING 1987.
    - ☒ Category 1: More than 1000 kg (2,200 lb) in one or more months
    - ☐ Category 2: More than 100 kg (220 lb) but no more than 1000 kg (2,200 lb) in any single month
    - ☐ Category 3: No more than 100 kg (220 lb) in any single month
      - ☐ Mark ☒ if this site changed from Category 1 to Category 2 or 3 due to waste minimization activity conducted during 1986 or 1987.
  - ☐ NO ⟶ CONTINUE BELOW, MARK ☒ NEXT TO ALL THAT APPLY.
    - ☐ Generated, excluded or delisted wastes
    - ☐ Generated hazardous waste prior to 1987 but do not expect to generate in the future - MARK ☒ FOR REASON IN ONE BOX BELOW
      - ☐ Waste was from one-time event(s) (e.g. spills, remedial actions, etc.)
      - ☐ Waste minimization activity undertaken during 1986 or 1987
      - ☐ Out of business
    - ☐ Generated hazardous waste prior to 1987 and expect to generate in the future
    - ☐ Never generated before but expect to generate in the future
    - ☐ Never generated and do not expect to generate in the future - MARK ☒ FOR REASON IN ONE BOX BELOW
      - ☐ Protective notifier only
      - ☐ Misunderstood the requirements
      - ☐ Notified to secure transportation services
      - ☐ Other EXPLAIN REASON FOR GENERATOR NOTIFICATION IN COMMENTS

SEC. VII. Does this site have RCRA Interim Status or a RCRA permit to treat, store, or dispose hazardous waste?

- ☒ NO ⟶ SKIP TO SECTION VIII
- ☐ YES ⟶ Did the site treat, store, or dispose (T/S/D) hazardous waste in RCRA-regulated units during 1987?
  - ☐ YES ⟶ SKIP TO SECTION VIII
  - ☐ NO ⟶ CONTINUE BELOW, MARK ☒ NEXT TO ALL THAT APPLY
    - ☐ T/S/D excluded waste during 1987
    - ☐ T/S/D hazardous waste in exempt units during 1987
    - ☐ T/S/D hazardous waste prior to 1987 but did not T/S/D waste during 1987. MARK ☒ IN ONE BOX BELOW
      - ☐ T/S/D will resume in the future
      - ☐ Have notified of planned closure
      - ☐ Site is in closure or post closure
    - ☐ Never T/S/D hazardous waste prior to 1987 but: MARK ☒ IN ONE BOX BELOW
      - ☐ Expect to T/S/D hazardous waste in the future
      - ☐ Do not expect to T/S/D hazardous waste in the future - EXPLAIN REASON FOR INTERIM STATUS OR PERMIT IN COMMENTS

SEC. VIII. Do you wish to withdraw this site's generator notification or EPA Part A permit application?

Withdraw generator notification ☐ Yes ☒ No

Withdraw Part A permit application ☐ Yes ☐ No **NA**

SEC. IX. Does this site have an area not requiring a RCRA Part A or Part B permit that is used exclusively for the short term accumulation of hazardous waste?

- ☐ NO
- ☒ YES ⟶ DOES THE AREA HAVE:

			ENTER THE NUMBER OF TANKS AND THEIR TOTAL CAPACITY IN GALLONS.
Containers	☐ No	☒ Yes	
Tanks	☒ No	☐ Yes ⟶	☐☐☐ Number ☐☐☐☐☐☐☐☐ Gallon capacity

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. IAD 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Liquid toxic organic from urethane foaming dept., toluene diisocyanate

B. EPA hazardous waste code (Page 12): U 2 2 3

C. State hazardous waste code (Page 13): N A

D. SIC code (Page 13): 3 6 3 2

E. Source code (Page 13): 2 2

F. Waste form code (Page 13): H 1 9 9

G. Waste minimization results (Page 13): B

Sec. II

A. Organics (Instruction Page 14): High ☐ Low ☐ Test ☐ Note D

B. Water (Page 15): High ☐ Low ☐ Note D

C. Total Solids (Page 15): High ☐ Low ☐ Note D

D. Suspended Solids (Page 15): High ☐ Low ☐ Note D

E. BTU (Page 16): High ☐ Low ☐ UOM ☐ Note D

F. Toxic Metals (Page 16) Note B

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

G. pH (Page 18): High ☐.☐ Low ☐.☐ Note A

H. Flashpoint (Page 18): High 2 6 0 °F Low ☐ °F Note C

I. Cyanides (Page 19): High ☐ Low ☐ Test ☐ Note A

J. Halogens (Page 20): High ☐ Low ☐ Note D

K. Radioactive (Page 20): Yes ☐ No ☐ Note D

Sec. III

A. 1986 quantity generated (Instruction Page 20): 0 0 0 0 0 9 3 1 6

B. 1987 quantity generated (Page 20): 0 0 0 0 0 3 5 4 9

C. UOM (Page 21): P

D. Density (Page 21): 1 . 2 7 ☐ lbs/gal ☒ sg

E. Waste origin (Page 21) Code A; On-site T/S/D/R code ☐☐☐

F. On-site T/S/D/R code (Page 21)

1. ☐☐☐ 2. ☐☐☐ 3. ☐☐☐ 4. ☐☐☐ 5. ☐☐☐ 6. ☐☐☐ 7. ☐☐☐ 8. ☐☐☐

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
L A D 0 1 0 3 9 5 1 2 7	0 0 1	H	M 5 0 M 7 2	0 0 0 0 0 0 2 4 0

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Spent solvent from Paint Dept. Methyl Ethyl Ketone

B. EPA hazardous waste code (Page 12)	C. State hazardous waste code (Page 13)	D. SIC code (Page 13)	E. Source code (Page 13)	F. Waste form code (Page 13)	G. Waste minimization results (Page 13)
F 0 0 5	N A	3 6 3 2	I 0	H 5 1	B

Sec. II

A. Organics (Instruction Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)
High	High	High	High	High
Low	Low	Low	Low	Low
Test Note D	Note D	Note D	Note D	UOM Note D

G. pH (Page 18)	H. Flashpoint (Page 18)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
High	High °F	High	High	Yes ☐
Low	Low °F	Low	Low	No ☐
Note A	Note A	Test Note A	Note D	Note D

F. Toxic Metals (Page 16) Note B

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

Sec. III

A. 1986 quantity generated (Instruction Page 20)	B. 1987 quantity generated (Page 20)	C. UOM (Page 21)	D. Density (Page 21)	E. Waste origin (Page 21)
0 0 0 0 0 4 1 2 5	0 0 0 0 0 1 6 5 0	P	• N A ☐ lbs/gal ☐ sg	Code A On-site T/S/D/R code

F. On-site T/S/D/R code (Page 21)

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
W I D 9 9 0 8 2 9 4 7 5	0 1 2	H	M 3 9 M 2 0	0 0 0 0 0 1 6 5 0

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

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Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Spent solvent from hand wiping of parts 1-1-1 Trichloroethane

B. EPA hazardous waste code (Page 12): F 0 0 2

C. State hazardous waste code (Page 13): N A

D. SIC code (Page 13): 3 6 3 2

E. Source code (Page 13): 4 0

F. Waste form code (Page 13): H 6 2

G. Waste minimization results (Page 13): B

Sec. II

A. Organics (Instruction Page 14): High ; Low ; Test ; Note D

B. Water (Page 15): High U; Low 6; Note

C. Total Solids (Page 15): High ; Low ; Note D

D. Suspended Solids (Page 15): High ; Low ; Note D

E. BTU (Page 16): High ; Low ; UOM ; Note D

F. Toxic Metals (Page 16) Note B

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

G. pH (Page 18): High 0 7 . 0; Low ; Note

H. Flashpoint (Page 18): High °F; Low °F; Note A

I. Cyanides (Page 19): High ; Low ; Test ; Note A

J. Halogens (Page 20): High ; Low ; Note D

K. Radioactive (Page 20): Yes ☐; No ☐; Note D

Sec. III

A. 1986 quantity generated (Instruction Page 20): 0 0 0 0 0 1 9 8 0

B. 1987 quantity generated (Page 20): 0 0 0 0 0 4 9 5 0

C. UOM (Page 21): P

D. Density (Page 21): • N A; ☐ lbs/gal ☐ sg

E. Waste origin (Page 21) Code A; On-site T/S/D/R code

F. On-site T/S/D/R code (Page 21)

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
W I D 9 9 0 8 2 9 4 7 5	0 0 2	H	M 3 9 / M 5 0	0 0 0 0 0 4 4 5 5

Comments:

Sec. IV Box A continued on supplemental page

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

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Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description Instruction Page 12

B. EPA hazardous waste code Page 12

C. State hazardous waste code Page 13

D. SIC code Page 13

E. Source code Page 13

F. Waste form code Page 13

G. Waste minimization results Page 13

Sec. II

A. Organics Instruction Page 14 — High / Low / Test / Note

B. Water Page 15 — High / Low / Note

C. Total Solids Page 15 — High / Low / Note

D. Suspended Solids Page 15 — High / Low / Note

E. BTU Page 16 — High / Low / UOM / Note

F. Toxic Metals Page 16 — Note

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

G. pH Page 18 — High / Low / Note

H. Flashpoint Page 18 — High / Low (°F) / Note

I. Cyanides Page 19 — High / Low / Test / Note

J. Halogens Page 20 — High / Low / Note

K. Radioactive Page 20 — Yes ☐ / No ☐ / Note

Sec. III

A. 1986 quantity generated Instruction Page 20

B. 1987 quantity generated Page 20

C. UOM Page 21

D. Density Page 21 — ☐ lbs/gal ☐ sg

E. Waste origin Page 21 — Code / On-site T/S/D/R code

F. On-site T/S/D/R code Page 21

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22	B. Number of shipments Page 22	C. Transport mode Page 23	D. Off-site T/S/D/R code Page 23	E. Total Quantity shipped Page 23
W I D 0 0 0 8 0 8 8 2 4	0 0 1	H	M 3 9 / M 2 0	0 0 0 0 0 0 4 9 5

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

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Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Spent solvent from urethane foaming, methylene chloride

B. EPA hazardous waste code (Page 12): F 0 0 2

C. State hazardous waste code (Page 13):

D. SIC code (Page 13): 3 6 3 2

E. Source code (Page 13): 1 0

F. Waste form code (Page 13): H 6 1

G. Waste minimization results (Page 13): R

Sec. II

A. Organics (Instruction Page 14): High; Low; Test; Note D

B. Water (Page 15): High U; Low 6; Note

C. Total Solids (Page 15): High K; Low; Note

D. Suspended Solids (Page 15): High; Low; Note D

E. BTU (Page 16): High; Low; UOM; Note D

F. Toxic Metals (Page 16) Note C

Metal	High	Low	Test
1. B A	S		T
2. P B	U		T
3. T C	U		T
4. N I	U		T
5. C D	U		T
6. C U	V		T

G. pH (Page 18): High 6.6; Low; Note G

H. Flashpoint (Page 18): High 2 0 0 °F; Low °F; Note G

I. Cyanides (Page 19): High; Low; Test; Note A

J. Halogens (Page 20): High; Low; Note D

K. Radioactive (Page 20): Yes ☐; No ☐; Note D

Sec. III

A. 1986 quantity generated (Instruction Page 20): 0 0 0 0 2 2 5 5 0

B. 1987 quantity generated (Page 20): 0 0 0 0 0 9 3 5 0

C. UOM (Page 21): P

D. Density (Page 21): • N A; ☐ lbs/gal ☐ sg

E. Waste origin (Page 21) Code A; On-site T/S/D/R code

F. On-site T/S/D/R code (Page 21): 1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
W I D 9 9 0 8 2 9 4 7 5	0 0 2	H	M 3 9 M 2 0	0 0 0 0 0 7 1 5 0

Comments: Sec. II F. SE, V, T; AG, V, T; AS, V, T

Sec. IV Box A continued on supplemental page

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

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Sec. I

A. Waste description — Instruction Page 12

B. EPA hazardous waste code — Page 12

C. State hazardous waste code — Page 13

D. SIC code — Page 13

E. Source code — Page 13

F. Waste form code — Page 13

G. Waste minimization results — Page 13

Sec. II

A. Organics — Instruction Page 14: High, Low, Test, Note

B. Water — Page 15: High, Low, Note

C. Total Solids — Page 15: High, Low, Note

D. Suspended Solids — Page 15: High, Low, Note

E. BTU — Page 16: High, Low, UOM, Note

F. Toxic Metals — Page 16: Note; Metal, High, Low, Test; 1. 2. 3. 4. 5. 6.

G. pH — Page 18: High, Low, Note

H. Flashpoint — Page 18: High °F, Low °F, Note

I. Cyanides — Page 19: High, Low, Test, Note

J. Halogens — Page 20: High, Low, Note

K. Radioactive — Page 20: Yes ☐, No ☐, Note

Sec. III

A. 1986 quantity generated — Instruction Page 20

B. 1987 quantity generated — Page 20

C. UOM — Page 21

D. Density — Page 21: ☐ lbs/gal ☐ sg

E. Waste origin — Page 21: Code; On-site T/S/D/R code

F. On-site T/S/D/R code — Page 21: 1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped — Instruction Page 22	B. Number of shipments — Page 22	C. Transport mode — Page 23	D. Off-site T/S/D/R code — Page 23	E. Total Quantity shipped — Page 23
W I D 0 0 0 8 0 8 8 2 4	0 0 1	H	M 3 1 / M 2 0	0 0 0 0 0 2 2 0 0

Comments:

BEFORE COPYING FORM, ATTACH SITE ID[illegible]IFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

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INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Flammable spent solvent used in Paint Dept., toluene

B. EPA hazardous waste code (Page 12)	C. State hazardous waste code (Page 13)	D. SIC code (Page 13)	E. Source code (Page 13)	F. Waste form code (Page 13)	G. Waste minimization results (Page 13)
F 0 0 5	N A	3 6 3 2	1 0	H 8 2	B

Sec. II

A. Organics (Instruction Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)
High	High U	High	High M	High
Low	Low 6	Low	Low N	Low
Test Note D	Note	Note D	Note	UOM Note D

F. Toxic Metals (Page 16) Note C

	Metal	High	Low	Test
1.	P B	R		T
2.	B A	S		T
3.	T C	S		T
4.	C U	T		T
5.	N I	U		T
6.	C D	V		T

G. pH (Page 18)	H. Flashpoint (Page 18)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
High .	High 5 2 °F	High	High	Yes ☐
Low .	Low °F	Low	Low	No ☐
Note A	Note	Test Note A	Note D	Note D

Sec. III

A. 1986 quantity generated (Instruction Page 20)	B. 1987 quantity generated (Page 20)	C. UOM (Page 21)	D. Density (Page 21)	E. Waste origin (Page 21) Code A
0 0 0 1 2 4 5 7 5	0 0 0 1 2 2 9 2 5	P	• N A ☐ lbs/gal ☐ sg	On-site T/S/D/R code

F. On-site T/S/D/R code (Page 21)

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
W I D 9 9 0 8 2 9 4 7 5	0 0 3	H	M 1 1 M 2 0	0 0 0 0 9 0 3 3 8

Comments: Sec II, F Lab date was from 1980
Sec IV, Box A continued on supplemental page

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description Instruction Page 12

B. EPA hazardous waste code Page 12

C. State hazardous waste code Page 13

D. SIC code Page 13

E. Source code Page 13

F. Waste form code Page 13

G. Waste minimization results Page 13

Sec. II

A. Organics Instruction Page 14 — High / Low / Test / Note

B. Water Page 15 — High / Low / Note

C. Total Solids Page 15 — High / Low / Note

D. Suspended Solids Page 15 — High / Low / Note

E. BTU Page 16 — High / Low / UOM / Note

F. Toxic Metals Page 16 — Note

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

G. pH Page 18 — High / Low / Note

H. Flashpoint Page 18 — High / Low (°F) / Note

I. Cyanides Page 19 — High / Low / Test / Note

J. Halogens Page 20 — High / Low / Note

K. Radioactive Page 20 — Yes ☐ / No ☐ / Note

Sec. III

A. 1986 quantity generated Instruction Page 20

B. 1987 quantity generated Page 20

C. UOM Page 21

D. Density Page 21 — ☐ lbs/gal ☐ sg

E. Waste origin Page 21 — Code / On-site T/S/D/R code

F. On-site T/S/D/R code Page 21

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22	B. Number of shipments Page 22	C. Transport mode Page 23	D. Off-site T/S/D/R code Page 23	E. Total Quantity shipped Page 23
W I D 0 0 0 8 0 8 8 2 4	0 0 1	H	M 3 1 M 2 0	0 0 0 0 3 2 5 8 8

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. IAD006104336

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Ignitable offspec paint solids used in the Paint Dept.

B. EPA hazardous waste code (Page 12)	C. State hazardous waste code (Page 13)	D. SIC code (Page 13)	E. Source code (Page 13)	F. Waste form code (Page 13)	G. Waste minimization results (Page 13)
D001	NA	3632	22	H81	B

Sec. II

A. Organics (Instruction Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)
High	High	High	High	High
Low	Low	Low	Low	Low
Test Note D	Note D	Note D	Note D	UOM Note D

G. pH (Page 18)	H. Flashpoint (Page 18)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
High .	High °F	High	High	Yes ☐
Low .	Low °F	Low	Low	No ☐
Note A	Note A	Test Note A	Note D	Note D

F. Toxic Metals (Page 16) Note B

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

Sec. III

A. 1986 quantity generated (Instruction Page 20)	B. 1987 quantity generated (Page 20)	C. UOM (Page 21)	D. Density (Page 21)	E. Waste origin (Page 21)
00004290	00009747	P	• NA ☐ lbs/gal ☐ sg	Code A On-site T/S/D/R code

F. On-site T/S/D/R code (Page 21)

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
IAD010395127	001	H	M50 M712	00009747

Comments:

BEFORE COPYING FORM, ATTACH SITE ID[illegible]FICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description Instruction Page 12: Flammable offspec liquid paint from our Paint Dept.

B. EPA hazardous waste code Page 12: D 0 0 1

C. State hazardous waste code Page 13: N A

D. SIC code Page 13: 3 6 3 2

E. Source code Page 13: 2 2

F. Waste form code Page 13: H 8 1 1

G. Waste minimization results Page 13: B

Sec. II

A. Organics Instruction Page 14: High; Low; Test; Note D

B. Water Page 15: High; Low; Note D

C. Total Solids Page 15: High; Low; Note D

D. Suspended Solids Page 15: High; Low; Note D

E. BTU Page 16: High 1 2 4 0 0; Low; UOM P; Note

F. Toxic Metals Page 16 Note C

	Metal	High	Low	Test
1.	T C	S		T
2.	P B	T		T
3.	N I	T		T
4.	C D	U		T
5.	C U	U		T
6.	A G	U		T

G. pH Page 18: High 5.0; Low; Note C

H. Flashpoint Page 18: High 7 2 °F; Low °F; Note B

I. Cyanides Page 19: High; Low; Test; Note A

J. Halogens Page 20: High; Low; Note D

K. Radioactive Page 20: Yes ☐; No ☐; Note D

Sec. III

A. 1986 quantity generated Instruction Page 20: 0 0 0 0 0 9 6 8 0

B. 1987 quantity generated Page 20: 0 0 0 0 0 8 8 2 2

C. UOM Page 21: P

D. Density Page 21: 1 . 1 0; ☐ lbs/gal ☒ sg

E. Waste origin Page 21 Code A; On-site T/S/D/R code

F. On-site T/S/D/R code Page 21: 1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22	B. Number of shipments Page 22	C. Transport mode Page 23	D. Off-site T/S/D/R code Page 23	E. Total Quantity shipped Page 23
L A D 0 1 0 3 9 5 1 2 7	0 0 1	H	M 5 0 M 7 2	0 0 0 0 0 8 8 2 2

Comments: Sec. II F 7. Hg, W, T

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Plastic extruder sludge from ABS & PVC Plastic extruders, flammable liquid

B. EPA hazardous waste code (Page 12): D 0 0 1

C. State hazardous waste code (Page 13): N A

D. SIC code (Page 13): 3 6 3 2

E. Source code (Page 13): 1 0

F. Waste form code (Page 13): H 9 9

G. Waste minimization results (Page 13): B

Sec. II

A. Organics (Instruction Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)
High	High	High	High	High
Low	Low	Low	Low	Low
Test Note D	Note D	Note D	Note D	UOM Note D

F. Toxic Metals (Page 16) Note B

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

G. pH (Page 18)	H. Flashpoint (Page 18)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
High .	High 7 5 °F	High	High	Yes ☐
Low .	Low °F	Low	Low	No ☐
Note A	Note A	Test Note A	Note D	Note D

Sec. III

A. 1986 quantity generated (Instruction Page 20)	B. 1987 quantity generated (Page 20)	C. UOM (Page 21)	D. Density (Page 21)	E. Waste origin (Page 21)
0 0 0 0 0 1 3 7 6	0 0 0 0 0 3 6 7 0	P	. N A ☐ lbs/gal ☐ sg	Code A; On-site T/S/D/R code

F. On-site T/S/D/R code (Page 21)

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
L A D 0 1 0 3 9 5 1 2 7	0 0 1	H	M 5 0 M 7 2	0 0 0 0 0 3 6 7 0

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Calcium Carbide Solid, Flammable solid

B. EPA hazardous waste code (Page 12): D 0 0 3

C. State hazardous waste code (Page 13): N A

D. SIC code (Page 13): 3 6 3 2

E. Source code (Page 13): 2 2

F. Waste form code (Page 13): N 4 8

G. Waste minimization results (Page 13): B

Sec. II

A. Organics (Instruction Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)
High	High	High	High	High
Low	Low	Low	Low	Low
Test; Note D	Note D	Note D	Note D	UOM; Note D

F. Toxic Metals (Page 16) Note B

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

G. pH (Page 18)	H. Flashpoint (Page 18)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
High	High °F	High	High	Yes ☐
Low	Low °F	Low	Low	No ☐
Note A	Note A	Test; Note A	Note D	Note D

Sec. III

A. 1986 quantity generated (Instruction Page 20): 0 0 0 0 0 0 0 0 0

B. 1987 quantity generated (Page 20): 0 0 0 0 0 0 0 6 0

C. UOM (Page 21): P

D. Density (Page 21): N A ☐ lbs/gal ☐ sg

E. Waste origin (Page 21) Code: A; On-site T/S/D/R code:

F. On-site T/S/D/R code (Page 21): 1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
L A D 0 1 0 3 9 5 1 2 7	0 0 1	B	M 5 0 M 7 2	0 0 0 0 0 0 0 6 0

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): Solid toxic organic waste from urethane foaming dept., Toluene Diisocyante

B. EPA hazardous waste code (Page 12): U 2 2 3

C. State hazardous waste code (Page 13): N A

D. SIC code (Page 13): 3 6 3 2

E. Source code (Page 13): 2 2

F. Waste form code (Page 13): H 9 9

G. Waste minimization results (Page 13): B

Sec. II

A. Organics (Instruction Page 14): High ; Low ; Test ; Note D

B. Water (Page 15): High ; Low ; Note D

C. Total Solids (Page 15): High ; Low ; Note D

D. Suspended Solids (Page 15): High ; Low ; Note D

E. BTU (Page 16): High ; Low ; UOM ; Note D

F. Toxic Metals (Page 16) Note B

Metal	High	Low	Test
1.			
2.			
3.			
4.			
5.			
6.			

G. pH (Page 18): High ; Low ; Note A

H. Flashpoint (Page 18): High 4 4 4 °F; Low °F; Note C

I. Cyanides (Page 19): High ; Low ; Test ; Note A

J. Halogens (Page 20): High ; Low ; Note D

K. Radioactive (Page 20): Yes ☐ No ☐ Note D

Sec. III

A. 1986 quantity generated (Instruction Page 20): 0 0 0 0 0 2 3 5 6

B. 1987 quantity generated (Page 20): 0 0 0 0 0 2 5 4 6

C. UOM (Page 21): P

D. Density (Page 21): • N A ☐ lbs/gal ☐ sg

E. Waste origin (Page 21) Code A; On-site T/S/D/R code

F. On-site T/S/D/R code (Page 21): 1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
L A D 0 1 0 3 9 5 1 2 7	0 0 1	H	M 5 0 M 7 2	0 0 0 0 0 2 5 4 6

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
'OR,ENTER:

SITE NAME Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM WR

WASTE RECEIVED FROM OFF SITE

WHO MUST COMPLETE THIS FORM? Form WR must be completed by every site that received hazardous waste from an off-site source during 1987.

[X] Mark [X] if you are not required to complete Form WR.

INSTRUCTIONS: Please read the detailed instructions beginning on page 24 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Photocopy and complete additional copies of this form if your site received more than two hazardous wastes from off site during 1987.

For each waste, complete boxes A through J. Throughout this form enter "DK" if the information requested is not known or not available; enter "NA" if the information is not applicable.

Waste 1

A. Description of hazardous waste — Instruction Page 24

B. EPA hazardous waste code — Page 24

C. State hazardous waste code — Page 25

D. Off-site source EPA ID No. — Page 25

E. 1987 Quantity received — Page 25

F. UOM — Page 25

G. Density — Page 25 — ☐ lbs/gal ☐ sg

H. Waste form code — Page 25

I. Number of shipments — Page 25

J. On-site T/S/D/R code — Page 26 — 1 2 3 4 5 6 7 8

Waste 2

A. Description of hazardous waste — Instruction Page 24

B. EPA hazardous waste code — Page 24

C. State hazardous waste code — Page 25

D. Off-site source EPA ID No. — Page 25 — Same as above ☐ — Mark [X] if same as in Waste 1 — or ->

E. 1987 Quantity received — Page 25

F. UOM — Page 25

G. Density — Page 25 — ☐ lbs/gal ☐ sg

H. Waste form code — Page 25

I. Number of shipments — Page 25

J. On-site T/S/D/R code — Page 26 — 1 2 3 4 5 6 7 8

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: IAD006104836

FORM **OI**

U.S ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

OFF-SITE IDENTIFICATION

WHO MUST COMPLETE THIS FORM? Form OI must be completed by every site that shipped hazardous waste off site and every site that received hazardous waste from off site during 1987.

☐ Mark [X] if you are not required to complete Form OI.

INSTRUCTIONS: Please read the detailed instructions beginning on page 27 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Complete A through E for each off-site installation to which you shipped waste or from which you received waste during 1987.

Complete A through D for every transporter you used during the reporting year.

Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. Make and complete additional copies of this form if you need to identify more than four off-site installations or transporters.

Site 1

A. EPA ID No. of off-site installation or transporter (Instruction page 27): WID990829475

B. Name of off-site installation or transporter (Page 27): Waste Research & Reclamation Co., Inc.

C. Site type code (Page 28): K

D. Site relationship code (Page 28): D

E. Address of off-site installation (Page 28): Street: Route 7; City: Eau Claire; State: WI; Zip Code: 54701-

Site 2

A. EPA ID No. of off-site installation or transporter (Instruction page 27): DED981101166

B. Name of off-site installation or transporter (Page 27): Matlack

C. Site type code (Page 28): T

D. Site relationship code (Page 28): D

E. Address of off-site installation (Page 28): Street: N/A; City: ; State: ; Zip Code: -

Site 3

A. EPA ID No. of off-site installation or transporter (Instruction page 27): LAD010395127

B. Name of off-site installation or transporter (Page 27): Rollins Environmental Services, Inc. (LA)

C. Site type code (Page 28): F

D. Site relationship code (Page 28): D

E. Address of off-site installation (Page 28): Street: 13351 Scenic Highway; City: Baton Rouge; State: LA; Zip Code: 70807-

Site 4

A. EPA ID No. of off-site installation or transporter (Instruction page 27): MND006963318

B. Name of off-site installation or transporter (Page 27): Indian Head

C. Site type code (Page 28): T

D. Site relationship code (Page 28): D

E. Address of off-site installation (Page 28): Street: NA; City: ; State: ; Zip Code: -

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: I A D 0 0 0 6 1 0 4 3 6

U.S ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM OI

OFF-SITE IDENTIFICATION

WHO MUST COMPLETE THIS FORM?

Form OI must be completed by every site that shipped hazardous waste off site and every site that received hazardous waste from off site during 1987.

☐ Mark [X] if you are not required to complete Form OI.

INSTRUCTIONS:

Please read the detailed instructions beginning on page 27 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Complete A through E for each off-site installation to which you shipped waste or from which you received waste during 1987.

Complete A through D for every transporter you used during the reporting year.

Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. Make and complete additional copies of this form if you need to identify more than four off-site installations or transporters.

Site 1

A. EPA ID No. of off-site installation or transporter Instruction page 27: W I D 0 0 0 8 0 8 8 2 4

B. Name of off-site installation or transporter Page 27: Arganics, Inc.

C. Site type code Page 28: F

D. Site relationship code Page 28: D

E. Address of off-site installation Page 28:
Street: 114 N. Main St.
City: Cottage Grove State: W I Zip Code: 5 3 5 2 7 –

Site 2

A. EPA ID No. of off-site installation or transporter Instruction page 27:

B. Name of off-site installation or transporter Page 27:

C. Site type code Page 28:

D. Site relationship code Page 28:

E. Address of off-site installation Page 28:
Street:
City: State: Zip Code: –

Site 3

A. EPA ID No. of off-site installation or transporter Instruction page 27:

B. Name of off-site installation or transporter Page 27:

C. Site type code Page 28:

D. Site relationship code Page 28:

E. Address of off-site installation Page 28:
Street:
City: State: Zip Code: –

Site 4

A. EPA ID No. of off-site installation or transporter Instruction page 27:

B. Name of off-site installation or transporter Page 27:

C. Site type code Page 28:

D. Site relationship code Page 28:

E. Address of off-site installation Page 28:
Street:
City: State: Zip Code: –

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I|A|D|0|0|0|6|1|0|4|3|6|

FORM WM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART I

WHO MUST COMPLETE THIS FORM?

Form WM Part I, describing efforts undertaken to implement waste minimization programs, must be completed by all generators required to file an Annual/Biennial Report. This requirement was established in response to statutory provisions included in the Hazardous and Solid Waste Amendments of 1984 (HSWA).

NOTE: Generators shipping hazardous waste off site are required to certify, on Item 16 of the Uniform Hazardous Waste Manifest, that they have a program in place to reduce, to the degree determined economically practicable, the volume and toxicity of hazardous waste generated. A similar certification must also be made by generators who have obtained a RCRA treatment, storage, or disposal permit. Consistent with these certification requirements, generators must report, on Form WM Part I, the efforts undertaken to implement waste minimization programs.

INSTRUCTIONS:

Please read the detailed instructions on page 29 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Answer questions 1 through 10. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

1. Did this site create or expand a source reduction and recycling program?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Create	☐	☐	☐	☐	☒	☐
Expand	☒	☐	☒	☐	☐	☐

2. Did this site have a written policy or statement that outlined goals, objectives and methods for source reduction and recycling of hazardous waste?

	1987	1986	Prior Years
Yes	☐	☐	☐
No	☒	☒	☒

3. What was the dollar amount of capital expenditures (plant and equipment) and operating costs devoted to source reduction and recycling of hazardous waste? ENTER ZERO (0) IF NONE.

	1987	1986	Prior Years
Capital expenditures	$ -0-	$ -0-	$ -0-
Operating costs	$ 2000.	$ 2000.	$

4. Did this site have an employee training program or provide incentives (bonuses, awards, personal recognition, etc.) to identify and implement source reduction and recycling opportunities and activities?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Training	☐	☐	☐	☐	☐	☐
Incentives	☐	☒	☐	☒	☐	☒

OVER -->

5. Did this site conduct a source reduction and/or recycling opportunity assessment or audit? Note: an opportunity assessment or audit is a procedure that identifies practices that can be implemented to reduce the generation of hazardous waste or the quantity which must subsequently be treated, stored or disposed.

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Site-Wide	☐	☒	☐	☒	☐	☒
Process-Specific	☒	☐	☒	☐	☐	☒

6. Did this site identify or implement new SOURCE REDUCTION opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☐	☐	☐	☐	☐	☒
Implement	☒	☐	☒	☐	☐	☐

7. What factors have delayed or prevented implementation of SOURCE REDUCTION opportunities. MARK ☒ NEXT TO ALL THAT APPLY.

- ☐ a. Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ b. Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☒ c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ d. Concern that product quality may decline as a result of source reduction.
- ☒ e. Technical limitations of the production processes.
- ☒ f. Permitting burdens.
- ☒ g. Other (SPECIFY) Disposal costs

8. Did this site identify or implement new RECYCLING opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site or subsequently treated, stored, or disposed of on site or off site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☒	☐	☐	☒	☒	☐
Implement	☒	☐	☐	☒	☒	☐

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

9. What factors have delayed or prevented implementation of on-site or off-site RECYCLING opportunities. MARK [X] NEXT TO ALL THAT APPLY.

- [ ] a. Insufficient capital to install new recycling equipment or implement new recycling practices.
- [ ] b. Lack of technical information on recycling techniques applicable to this site's specific production processes.
- [X] c. Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- [X] d. Concern that product quality may decline as a result of recycling.
- [ ] e. Requirements to manifest wastes inhibit shipments off site for recycling.
- [ ] f. Financial liability provisions inhibit shipments off site for recycling.
- [ ] g. Technical limitations of product processes inhibit shipments off site for recycling.
- [ ] h. Technical limitations of production processes inhibit on-site recycling.
- [ ] i. Permitting burdens inhibit recycling.
- [ ] j. Lack of permitted off-site recycling facilities.
- [X] k. Unable to identify a market for recyclable materials.
- [ ] l. Other (SPECIFY) _____

10. Has this site requested or received technical information or financial assistance on source reduction and/or recycling practices from any of the following sources? MARK [X] NEXT TO ALL THAT APPLY.

	1987		1986		Prior Years	
	Technical	Financial	Technical	Financial	Technical	Financial
a. Local government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
b. State government	[X]	[ ]	[X]	[ ]	[ ]	[ ]
c. Federal government	[X]	[ ]	[X]	[ ]	[ ]	[ ]
d. Trade associations	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
e. Educational institutions	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
f. Suppliers	[X]	[ ]	[X]	[ ]	[X]	[ ]
g. Other parts of your firm	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
h. Other firms/consultants	[X]	[ ]	[X]	[ ]	[ ]	[ ]
i. No request made	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
j. Other (conferences, literature, etc.)_____	[X]	[ ]	[X]	[ ]	[ ]	[ ]

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO. I A D 0 0 0 6 1 0 4 3 6

FORM **WM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

[ ] Mark [X] and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code Instruction Page 31	B. State hazardous waste code Page 31	C. Product or service description Page 31	D. Product or service SIC code Page 31
U 2 2 3 / N A / N A / N A	N A / N A	Foaming Refrigerators & Freezers	3 6 3 2

E. Waste form code Page 31	F. UOM Page 32	G. Density Page 32	H. Source description: Page 32	I. Source code Page 32
H 9 9	P	1 . 2 7 [ ] lbs/gal [X] sg	Urethane Foaming	2 2

Sec. II

A. 1986 quantity generated Instruction Page 33	B. 1987 quantity generated Page 33	C. Production ratio Page 33	D. Toxicity change code Page 35
0 0 0 0 0 9 3 1 6	0 0 0 0 0 3 5 4 9	1 . 2 0	3

E. Waste minimization: recycling Page 35		F. Waste minimization: source reduction Page 36	
Code	Quantity recycled	Code	Quantity prevented
1. 0 2.		1. 4 2. 2 3. 5	0 0 0 0 0 7 6 3 0

Sec. III

A. Narrative description of waste minimization project or activity and results achieved Instruction Page 43

The replacement of the feed stock with a non-hazardous feed stock. The blending of experimental feed stock with normal feed stock and using it up in process. Better housekeeping operations.

OVER -->

Sec. IV.	**Instructions:** Answer questions 1 through 4. Mark [X] next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. **Increase in the quantity of water effluent**
   - [ ] b. **Decrease in the quantity of water effluent**
   - [x] c. **No effect on the quantity of water effluent**
   - [ ] d. **Don't know**

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [X] c. No effect on the concentration of hazardous constituents
   - [ ] d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity of air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of air emissions
   - [ ] b. Decrease in the quantity of air emissions
   - [ ] c. No effect on the quantity of air emissions
   - [X] d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity of the air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [ ] c. No effect on the concentration of hazardous constituents
   - [X] d. Don't know

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: I A D 0 0 0 6 1 0 4 3 6

FORM **WM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

☐ Mark [X] and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code Instruction Page 31	B. State hazardous waste code Page 31	C. Product or service description Page 31	D. Product or service SIC code Page 31
U 2 2 3 / N A / N A / N A	N A	Spill clean up from foaming refrigerators & freezers	3 6 3 2

E. Waste form code Page 31	F. UOM Page 32	G. Density Page 32	H. Source description: Page 32	I. Source code Page 32
H 9 9	P	. N A ☐ lbs/gal ☐ sg	Spill clean up & maintanence of equipment from urathane foaming	2 3

Sec. II

A. 1986 quantity generated Instruction Page 33	B. 1987 quantity generated Page 33	C. Production ratio Page 33	D. Toxicity change code Page 35
0 0 0 0 0 2 3 5 6	0 0 0 0 0 2 5 4 6	1 . 2 0	0

E. Waste minimization: recycling Page 35		F. Waste minimization: source reduction Page 36	
Code	Quantity recycled	Code	Quantity prevented
1. 0 2.		1. 1 2. 5 3.	0 0 0 0 0 0 2 8 1

Sec. III

A. Narrative description of waste minimization project or activity and results achieved Instruction Page 43

With better housekeeping we reduced the volume of this waste stream.

Sec. IV.	**Instructions:** Answer questions 1 through 4. Mark [X] next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. **Increase in the quantity of water effluent**
   - [ ] b. **Decrease in the quantity of water effluent**
   - [X] c. **No effect on the quantity of water effluent**
   - [ ] d. **Don't know**

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [X] c. No effect on the concentration of hazardous constituents
   - [ ] d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity of air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of air emissions
   - [ ] b. Decrease in the quantity of air emissions
   - [ ] c. No effect on the quantity of air emissions
   - [X] d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity of the air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [ ] c. No effect on the concentration of hazardous constituents
   - [X] d. **Don't know**

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: I A D 0 0 0 6 1 0 4 3 6

FORM **WM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

☐ Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code (Instruction Page 31)	B. State hazardous waste code (Page 31)	C. Product or service description (Page 31)	D. Product or service SIC code (Page 31)
F 0 0 5 / N A / N A / N A	N A	Painting Microwave Ovens	3 6 3 2

E. Waste form code (Page 31)	F. UOM (Page 32)	G. Density (Page 32)	H. Source description: (Page 32)	I. Source code (Page 32)
H 5 1	P	. N A ☐ lbs/gal ☐ sg	Painting Doors of Microwave Ovens	1 0

Sec. II

A. 1986 quantity generated (Instruction Page 33)	B. 1987 quantity generated (Page 33)	C. Production ratio (Page 33)	D. Toxicity change code (Page 35)
0 0 0 0 0 4 1 2 5	0 0 0 0 0 1 6 5 0	. 5 8	6

E. Waste minimization: recycling (Page 35)		F. Waste minimization: source reduction (Page 36)	
Code	Quantity recycled	Code	Quantity prevented
1. 4 2.	0 0 0 0 0 1 1 6 5 0	1. 7 2. 3.	0 0 0 0 0 0 7 4 3

Sec. III

A. Narrative description of waste minimization project or activity and results achieved (Instruction Page 43)

We installed a new paint stripping unit that uses a non-hazardous feedstock & then discontinued the use of these paints in 1987.

Sec. IV.	**Instructions:** Answer questions 1 through 4. Mark [X] next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of water effluent
   - [ ] b. Decrease in the quantity of water effluent
   - [X] c. No effect on the quantity of water effluent
   - [ ] d. Don't know

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [ ] c. No effect on the concentration of hazardous constituents
   - [X] d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity of air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of air emissions
   - [ ] b. Decrease in the quantity of air emissions
   - [ ] c. No effect on the quantity of air emissions
   - [X] d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity of the air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [ ] c. No effect on the concentration of hazardous constituents
   - [X] d. Don't know

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: IADD006104336

FORM **WM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

☐ Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code (Instruction Page 31)	B. State hazardous waste code (Page 31)	C. Product or service description (Page 31)	D. Product or service SIC code (Page 31)
F002 NA NA NA	NA	Foaming Refrigerators & Freezers & painting of microwave ovens	3632

E. Waste form code (Page 31)	F. UOM (Page 32)	G. Density (Page 32)	H. Source description: (Page 32)	I. Source code (Page 32)
H61	P	. NA ☐ lbs/gal ☐ sg	Spent solvent from urethane foaming & clean up of painting equipment	10

Sec. II

A. 1986 quantity generated (Instruction Page 33)	B. 1987 quantity generated (Page 33)	C. Production ratio (Page 33)	D. Toxicity change code (Page 35)
00002255 0	00009350	.58	6

E. Waste minimization: recycling (Page 35)		F. Waste minimization: source reduction (Page 36)	
Code	Quantity recycled	Code	Quantity prevented
1. 4 2.	00009350	1. 1 2. 4 3. 6	00037229

Sec. III

A. Narrative description of waste minimization project or activity and results achieved (Instruction Page 43)

Installation of a paint stripper that uses a non-hazardous feedstock & then discontinued the use of these paints in 1987.

OVER —>

Sec. IV. **Instructions:** Answer questions 1 through 4. Mark [X] next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of water effluent
   - [ ] b. Decrease in the quantity of water effluent
   - [X] c. No effect on the quantity of water effluent
   - [ ] d. Don't know

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [X] c. No effect on the concentration of hazardous constituents
   - [ ] d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity of air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of air emissions
   - [ ] b. Decrease in the quantity of air emissions
   - [ ] c. No effect on the quantity of air emissions
   - [X] d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity of the air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [ ] c. No effect on the concentration of hazardous constituents
   - [X] d. Don't know

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: I A D 0 0 0 6 1 0 4 3 6

FORM **WM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

☐ Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code Instruction Page 31	B. State hazardous waste code Page 31	C. Product or service description Page 31	D. Product or service SIC code Page 31
F 0 0 5 / N A / N A / N A	N A	Painting Refrigerators & Freezers	3 6 3 2

E. Waste form code Page 31	F. UOM Page 32	G. Density Page 32	H. Source description: Page 32	I. Source code Page 32
H 8 2	P	☐ lbs/gal ☐ sg N A	Maintenance & cleanup of painting equipment	1 0

Sec. II

A. 1986 quantity generated Instruction Page 33	B. 1987 quantity generated Page 33	C. Production ratio Page 33	D. Toxicity change code Page 35
0 0 0 1 2 4 5 7 5	0 0 0 1 2 2 9 2 5	1 . 2 0	0

E. Waste minimization: recycling Page 35			F. Waste minimization: source reduction Page 36			
Code		Quantity recycled	Code			Quantity prevented
1. 4	2.	0 0 0 1 2 2 9 2 5	1. 1	2. 2	3.	0 0 0 0 2 6 5 6 5

Sec. III

A. Narrative description of waste minimization project or activity and results achieved Instruction Page 43

Installed new more efficient painting equipment

OVER —>

Sec. IV.

Instructions: Answer questions 1 through 4. Mark [X] next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of water effluent
   - [ ] b. Decrease in the quantity of water effluent
   - [X] c. No effect on the quantity of water effluent
   - [ ] d. Don't know

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [X] c. No effect on the concentration of hazardous constituents
   - [ ] d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity of air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of air emissions
   - [X] b. Decrease in the quantity of air emissions
   - [ ] c. No effect on the quantity of air emissions
   - [ ] d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity of the air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [X] b. Decrease in the concentration of hazardous constituents
   - [ ] c. No effect on the concentration of hazardous constituents
   - [ ] d. Don't know

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Amana Refrigeration, Inc.

Amana, Iowa 52204

EPA ID NO.: I A D 0 0 0 6 1 0 4 3 6

FORM **WM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

☐ Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code Instruction Page 31	B. State hazardous waste code Page 31	C. Product or service description Page 31	D. Product or service SIC code Page 31
D 0 0 1 / N A / N A / N A	N A	Painting Refrigerators & Freezers	3 6 3 2

E. Waste form code Page 31	F. UOM Page 32	G. Density Page 32	H. Source description: Page 32	I. Source code Page 32
H 8 1	P	. N A ☐ lbs/gal ☐ sg	Offspec paint solids & liquids	1 0

Sec. II

A. 1986 quantity generated Instruction Page 33	B. 1987 quantity generated Page 33	C. Production ratio Page 33	D. Toxicity change code Page 35
0 0 0 0 1 3 9 7 0	0 0 0 0 0 9 7 6 9	1 . 2 0	0

E. Waste minimization: recycling Page 35			F. Waste minimization: source reduction Page 36			
Code		Quantity recycled	Code			Quantity prevented
1. 0	2.		1. 1	2. 4	3. 5	0 0 0 0 0 6 9 9 5

Sec. III

A. Narrative description of waste minimization project or activity and results achieved Instruction Page 43

Installed new more efficient painting equipment

OVER -->

Sec. IV.

Instructions: Answer questions 1 through 4. Mark [X] next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of water effluent
   - [ ] b. Decrease in the quantity of water effluent
   - [X] c. No effect on the quantity of water effluent
   - [ ] d. Don't know

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity of water effluent** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [ ] b. Decrease in the concentration of hazardous constituents
   - [X] c. No effect on the concentration of hazardous constituents
   - [ ] d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity of air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the quantity of air emissions
   - [X] b. Decrease in the quantity of air emissions
   - [ ] c. No effect on the quantity of air emissions
   - [ ] d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity of the air emissions** produced by hazardous waste generation processes during 1987?

   - [ ] a. Increase in the concentration of hazardous constituents
   - [X] b. Decrease in the concentration of hazardous constituents
   - [ ] c. No effect on the concentration of hazardous constituents
   - [ ] d. Don't know

Comments: